



## DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY

### LIST OF MATERIALS

- ① APPROVED DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY, BALL VALVES INCLUDED
- ② TYPE "L" COPPER PIPE, 3/4" THRU 2"
- ③ 90° ELL, COPPER, 3/4" THRU 2"
- ④ PIPE UNION, BRASS OR COPPER

### GENERAL NOTES

1. CONTACT CITY OF MESA, WATER QUALITY SERVICES, FOR LATEST LIST OF APPROVED BACKFLOW PREVENTERS OR CERTIFIED TESTERS.
2. BACKFLOW PREVENTERS MUST BE TESTED BY A CERTIFIED TESTER BEFORE A FINAL APPROVAL IS ISSUED.
3. ALL COPPER PIPE JOINTS SHALL BE SOLDERED. THE SOLDER ALLOY SHALL COMPLY W/ ASTM B 32 HAVING A SILVER CONTENT OF NOT LESS THAN 3.4% INTENDED FOR JOINING COPPER PIPES FOR POTABLE WATER SYSTEMS (GRADES SN 94, SN 95, OR SN 96). THE FLUX SHALL BE TYPE OA FOR GENERAL SOLDERING ON COPPER.
4. INSTALL A BRASS PIPE PLUG IN EACH TESTCOCK ON THE ASSEMBLY.
5. FINISHED GRADE UNDER THE BACKFLOW PREVENTER SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
6. PROVIDE 12-INCH MINIMUM CLEARANCE BETWEEN BACKFLOW PREVENTION ASSEMBLY AND PERMANENT STRUCTURES OR LANDSCAPE VEGETATION.

DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY; FOR ASSEMBLIES 2 INCHES AND LESS

DETAIL NO.  
M-31.4